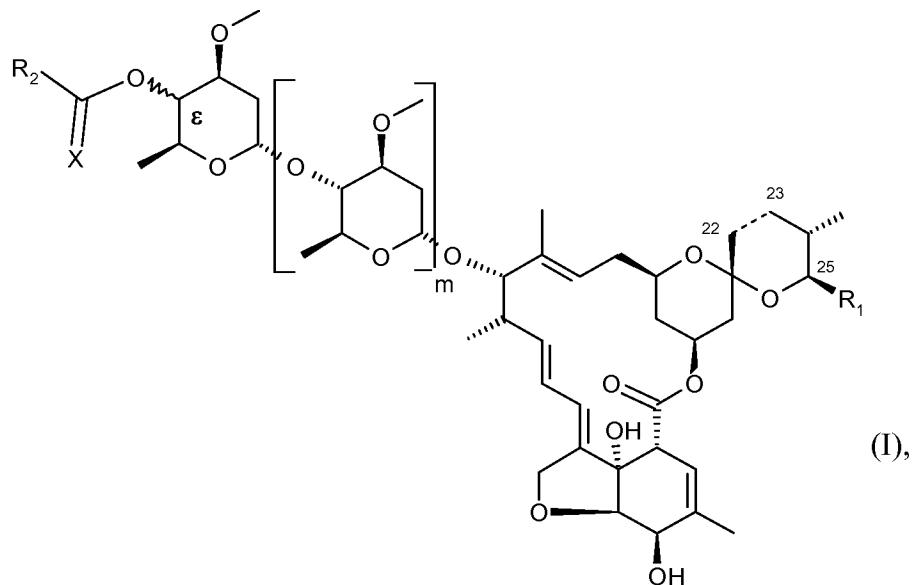


AMENDMENTS TO THE CLAIMS

Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

1. (Currently amended): A compound of the formula



wherein the bond between carbon atoms 22 and 23 is a single or double bond;

m is 0 or 1;

R_1 is C_1 - C_{12} alkyl, C_3 - C_8 cycloalkyl or C_2 - C_{12} alkenyl; and either

(A) R_2 is $-N(R_3)R_4$, and

(1) X is O, wherein

R_3 is hydrogen, unsubstituted or mono- to pentasubstituted C_1 - C_{12} alkyl, unsubstituted or mono- to pentasubstituted C_3 - C_{12} cycloalkyl, unsubstituted or mono- to pentasubstituted C_2 - C_{12} alkenyl, unsubstituted or mono- to pentasubstituted C_2 - C_{12} alkynyl, aryl or heterocyclyl, and

R_4 is mono- to pentasubstituted C_1 - C_{12} alkyl, unsubstituted or mono- to pentasubstituted C_3 - C_{12} cycloalkyl, unsubstituted or mono- to pentasubstituted C_2 - C_{12} alkenyl, unsubstituted or mono- to pentasubstituted C_2 - C_{12} alkynyl, unsubstituted and or mono- to trisubstituted heterocyclyl, unsubstituted and or

mono- to pentasubstituted aryl, NH₂, NHC₁-C₁₂alkyl, N(C₁-C₁₂alkyl)₂, C₁-C₆alkyl-N(C₁-C₁₂alkyl)₂, -C₁-C₆alkyl-N⁺(C₁-C₁₂alkyl)₃, SO₂NH₂, SO₂NHC₆H₅, SO₂Phenyl, SO₂Benzyl, OH, -OC₁-C₁₂alkyl, -OC₁-C₁₂alkenyl or -OC₁-C₁₂alkynyl; or

(2) X is S, wherein

R₃ is hydrogen, unsubstituted or mono- to pentasubstituted C₁-C₁₂alkyl, unsubstituted or mono- to pentasubstituted C₃-C₁₂cycloalkyl, unsubstituted or mono- to pentasubstituted C₂-C₁₂alkenyl, unsubstituted or mono- to pentasubstituted C₂-C₁₂alkynyl; aryl or heterocyclyl, and

R₄ is hydrogen, unsubstituted or mono- to pentasubstituted C₁-C₁₂alkyl, unsubstituted or mono- to pentasubstituted C₃-C₁₂cycloalkyl, unsubstituted or mono- to pentasubstituted C₂-C₁₂alkenyl, unsubstituted or mono- to pentasubstituted C₂-C₁₂alkynyl, unsubstituted ~~and~~ or mono- to trisubstituted heterocyclyl, unsubstituted ~~and~~ or mono- to pentasubstituted aryl, NH₂, NHC₁-C₁₂alkyl, N(C₁-C₁₂alkyl)₂, SO₂NH₂, SO₂NHC₆H₅, SO₂Phenyl, SO₂Benzyl, OH or -OC₁-C₁₂alkyl; or

(3) X is O or S, wherein R₃ and R₄ together are a three- to seven-membered alkylene or a four- to seven-membered alkenylene bridge, in which a CH₂ group may be replaced by O, S, C=O or NR₆; or

(B) R₂ is OR₅ and X is O or S, wherein R₅ is C₄-C₁₂alkyl, mono- to pentasubstituted C₁-C₁₂alkyl, unsubstituted or mono- to pentasubstituted C₃-C₁₂cycloalkyl, unsubstituted or mono- to pentasubstituted C₂-C₁₂alkenyl, unsubstituted or mono- to pentasubstituted C₂-C₁₂alkynyl;

in which the substituents of the alkyl-, alkenyl-, alkynyl-, alkylene-, alkenylene-, heterocyclyl-, aryl- and cycloalkyl-radicals mentioned under R₃, R₄ and R₅ are selected from the group consisting of OH, halogen, halo-C₁-C₂alkyl, CN, SCN, NO₂, C₂-C₆alkynyl, C₃-C₈cycloalkyl which is unsubstituted or substituted by one to three methyl groups; norbornylenyl; C₃-C₈cycloalkenyl which is unsubstituted or substituted by one to three methyl groups; C₃-C₈halocycloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂alkoxyC₁-C₁₂alkoxy, C₃-C₈cycloalkoxy,

C₁-C₁₂alkylthio, C₃-C₈cycloalkylthio, C₁-C₁₂haloalkylthio, C₁-C₁₂alkylsulfinyl, C₃-C₈cycloalkylsulfinyl, C₁-C₁₂haloalkylsulfinyl, C₃-C₈halocycloalkylsulfinyl, C₁-C₁₂alkylsulfonyl, C₃-C₈cycloalkylsulfonyl, C₁-C₁₂haloalkylsulfonyl, C₃-C₈halocycloalkylsulfonyl, C₂-C₈alkenyl, C₂-C₈alkynyl, -N(R₆)₂, wherein the two R₆ are independent of each other; -C(=O)R₇, -O-C(=O)R₈, -NHC(=O)R₇, -S-C(=S)R₈, -P(=O)(OC₁-C₆alkyl)₂, -S(=O)₂R₁₁; -NH-S(=O)₂R₁₁, -OC(=O)-C₁-C₆alkyl-S(=O)₂R₁₁; aryl, benzyl, heterocyclyl, aryloxy, benzyloxy, heterocyclyloxy, arylthio, benzylthio, heterocyclylthio; and also aryl, heterocyclyl, aryloxy, benzyloxy, heterocyclyloxy, arylthio, benzylthio or heterocyclylthio which, ~~depending on the possibilities of substitution on the ring, are~~ may be mono- to pentasubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₁₂alkyl, C₃-C₈cycloalkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio, C₁-C₁₂haloalkylthio, C₁-C₆alkoxy-C₁-C₆alkyl, dimethylamino-C₁-C₆alkoxy, C₂-C₈alkenyl, C₂-C₈alkynyl, phenoxy, phenyl-C₁-C₆alkyl, methylenedioxy, -C(=O)R₇, -O-C(=O)-R₈, -NH-C(=O)R₈, -N(R₁₀)₂, wherein the two R₁₀ are independent of each other; C₁-C₆alkylsulfinyl, C₃-C₈cycloalkylsulfinyl, C₁-C₆haloalkylsulfinyl, C₃-C₈halocycloalkylsulfinyl, C₁-C₆alkylsulfonyl, C₃-C₈cycloalkylsulfonyl, C₁-C₆haloalkylsulfonyl and C₃-C₈halocycloalkylsulfonyl;

R₆ is H, C₁-C₈alkyl, hydroxy-C₁-C₈alkyl, C₃-C₈cycloalkyl, C₂-C₈alkenyl, C₂-C₈alkynyl, phenyl, benzyl, -C(=O)R₇, or -CH₂-C(=O)-R₇;

R₇ is H, OH, SH, -N(R₁₀)₂, wherein the two R₁₀ are independent of each other; C₁-C₂₄alkyl, C₂-C₁₂alkenyl, C₁-C₈hydroxyalkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₁₂alkylthio, C₂-C₈alkenyloxy, C₂-C₈alkynyoxy, NH-C₁-C₆alkyl-C(=O)R₉, -N(C₁-C₆alkyl)-C₁-C₆alkyl-C(=O)-R₉, -O-C₁-C₂alkyl-C(=O)R₉, -C₁-C₆alkyl-S(=O)₂R₉; aryl, benzyl, heterocyclyl, aryloxy, benzyloxy, heterocyclyloxy; or aryl, benzyl, heterocyclyl, aryloxy, benzyloxy or heterocyclyloxy, which are unsubstituted or mono- to trisubstituted in the ring independently of one another by halogen, nitro, C₁-C₆alkyl, C₁-C₆alkoxy, C₁-C₆haloalkyl or C₁-C₆haloalkoxy;

R₈ is H, C₁-C₂₄alkyl, C₁-C₁₂haloalkyl, C₁-C₁₂hydroxyalkyl, C₂-C₈alkenyl, C₂-C₈alkynyl, C₁-C₆alkoxy-C₁-C₆alkyl, N(R₁₀)₂, wherein the two R₁₀ are independent of each other; -C₁-C₆alkyl-C(=O)R₁₀, -C₁-C₆alkyl-S(=O)₂R₉, aryl, benzyl, heterocyclyl; or aryl, benzyl or heterocyclyl

which, ~~depending on the possibilities of substitution on the ring, are~~ may be mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₁₂alkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio and C₁-C₁₂haloalkylthio;

R₉ is H, OH, C₁-C₂₄alkyl which is optionally substituted with OH, or -S(=O)₂-C₁-C₆alkyl; C₁-C₁₂alkenyl, C₁-C₁₂alkynyl, C₁-C₁₂alkoxy, C₁-C₆alkoxy-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkoxy, C₂-C₈alkenyloxy, aryl, aryloxy, benzyloxy, heterocyclyl, heterocyclyloxy or -N(R₁₀)₂, wherein the two R₁₀ are independent of each other;

R₁₀ is H, C₁-C₆alkyl, which is optionally substituted with one to five substituents selected from the group consisting of halogen, C₁-C₆alkoxy, hydroxy and cyano; C₁-C₈-cycloalkyl, aryl, benzyl, heterocyclyl; or aryl, benzyl or heterocyclyl, which, ~~depending on the possibilities of substitution on the ring, may be~~ are mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO₂, C₁-C₁₂alkyl, C₁-C₁₂haloalkyl, C₁-C₁₂alkoxy, C₁-C₁₂haloalkoxy, C₁-C₁₂alkylthio and C₁-C₁₂haloalkylthio;

or, ~~if appropriate~~, an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, ~~in each case in free form or in a salt form thereof~~.

2. (Original) A pesticide composition which contains at least one compound of the formula (I) as described in claim 1 as active compound and at least one auxiliary.

3. (Withdrawn) A method for controlling pests wherein a composition as defined in claim 2 is applied to the pests or their habitat.

4. (Withdrawn) A process for preparing a composition as defined in claim 2 which contains at least one auxiliary, wherein the active compound is mixed intimately and/or ground with the auxiliary(s).

5. (Cancelled)

6. (Cancelled)

7. (Withdrawn) A method for protecting plant propagation material against damage by a pest, wherein the propagation material or the location where the propagation material is planted is treated with a composition as defined in claim 2.

8. (Withdrawn) Plant propagation material treated in accordance with the method defined in claim 7.

9. (New) The compound of claim 1, wherein R_2 is $-N(R_3)R_4$, and X is O .

10. (New) The compound of claim 1, wherein R_2 is $-N(R_3)R_4$, and X is S .

11. (New) The compound of claim 1, wherein R_2 is $-N(R_3)R_4$, and X is O or S , wherein R_3 and R_4 together are a three- to seven-membered alkylene or a four- to seven-membered alkenylene bridge, in which a CH_2 group may be replaced by O , S , $C=O$ or NR_6 .

12. (New) The compound of claim 1, wherein R_2 is OR_5 and X is O or S .

13. (New) The compound of claim 1, wherein:

R_2 is $-N(R_3)R_4$,

X is O ;

R_3 is hydrogen; and

R_4 is mono- to pentasubstituted C_1 - C_{12} alkyl, or unsubstituted or mono- to penta-substituted C_3 - C_{12} cycloalkyl.

14. (New) The compound of claim 1, wherein:

R_2 is $-N(R_3)R_4$,

X is O ;

R_3 is hydrogen; and

R_4 is unsubstituted or mono- to pentasubstituted C_2 - C_{12} alkenyl, or unsubstituted or mono- to pentasubstituted C_2 - C_{12} alkynyl.

15. (New) The compound of claim 1, wherein:

R_2 is $-N(R_3)R_4$,

X is O;

R_3 is hydrogen; and

R_4 is unsubstituted or mono- to trisubstituted heterocyclyl, or unsubstituted and mono- to pentasubstituted aryl.

16. (New) The compound of claim 1, wherein:

R_2 is $-N(R_3)R_4$,

X is S;

R_3 is hydrogen; and

R_4 is hydrogen, mono- to pentasubstituted C_1 - C_{12} alkyl, or unsubstituted or mono- to pentasubstituted C_3 - C_{12} cycloalkyl.

17. (New) The compound of claim 1, wherein:

R_2 is $-N(R_3)R_4$,

X is S;

R_3 is hydrogen; and

R_4 is unsubstituted or mono- to pentasubstituted C_2 - C_{12} alkenyl, or unsubstituted or mono- to pentasubstituted C_3 - C_{12} cycloalkyl.

18. (New) The compound of claim 1, wherein:

R_2 is $-N(R_3)R_4$,

X is S;

R_3 is hydrogen; and

R_4 is unsubstituted or mono- to trisubstituted heterocycll unsubstituted, or mono- to pentasubstituted aryl.

19. (New) The compound of claim 1, wherein:

R_2 is OR_5 , and

R_5 is mono- to pentasubstituted C_1 - C_{12} alkyl, or unsubstituted or mono- to pentasubstituted C_3 - C_{12} cycloalkyl.

20. (New) The compound of claim 1, wherein:

R_2 is OR_5 , and

R_5 is unsubstituted or mono- to pentasubstituted C_2 - C_{12} alkenyl, or unsubstituted or mono- to pentasubstituted alkynyl.

21. (New) The compound of claim 1, wherein the configuration at the ϵ -position is (R).

22. (New) The compound of claim 1, wherein the configuration at the ϵ -position is (S).